

**IN THE SPECIFICATION**

Please amend the title as follows:

~~--Camera signal processing apparatus and camera signal processing method~~

Camera Image Interpolation Apparatus --

Please amend the abstract as follows:

~~--A camera signal processing apparatus~~ An apparatus and method for generating  
an image by ~~comprises an interpolated pixel data generating means for interpolating, at least on~~  
~~two directions, pixel data based on an imaging signal from a solid-state image sensor in which an~~  
~~imaging light enters through a color filter having a different spectral characteristic for each pixel~~  
~~separately generating interpolated pixel data in the at least two directions. The method includes;~~  
~~a correlation detecting means for detecting a correlation value indicative of a degree of~~  
~~correlation in each of the at least two directions of the interpolated pixel data, and;~~ a normalizing  
~~means for normalizing the correlation value of each of the at least two directions, --to generate a~~  
~~normalized value indicative of a relative value of the correlation value of each of the at least two~~  
~~directions; a correcting means for adding a~~ A predetermined correction value is added to the  
~~normalized value, and;~~ a weighting means for weighting the interpolated pixel data is weighted  
~~in each of the at least two directions by the normalized value and adding together the weighted~~  
~~interpolated pixel data in-all of the at least two directions; and an image generating means for~~  
~~generating an image based on the interpolated pixel data weighted by the weighting means. --~~